



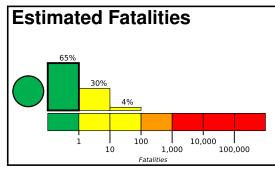


PAGER Version 1

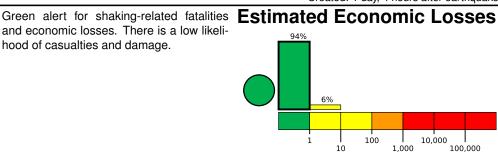
Created: 1 day, 4 hours after earthquake

M 5.3, eastern Turkey

Origin Time: 2023-08-10 11:48:01 UTC (Thu 14:48:01 local) Location: 38.2787° N 38.2053° E Depth: 10.0 km



and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

	-									
ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	13,784k	753k	497k	204k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

38.5° E Zara Divrigi Arapgir Darende Nalatya Adiyarian Siverek Kahramanmara Kadirli 37.2°N /iransehir anliurfa Osmani

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us6000kz45#pager

Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1976-07-09	197	4.2	V(49k)	1
1986-06-06	39	5.8	VII(86k)	1
1966-08-19	308	6.8	VIII(15k)	3k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Yesilyurt	14k
٧	Malatya	442k
IV	Battalgazi	<1k
IV	Akcadag	15k
IV	Colakli	<1k
IV	Celikhan	13k
Ш	Elazig	298k
Ш	Sanliurfa	450k
Ш	Gaziantep	1,066k
Ш	Kahramanmaras	376k
Ш	Diyarbakir	645k

bold cities appear on map.

(k = x1000)